

CLAIMS

1. A modular securing device, for road tracks, comprising a set of elements (1, 1A) elongated along a longitudinal axis and intended to be laid on a road and connected together at their ends (2, 3), each of the elements (1, 1A) containing two end faces (111, 131) spaced apart longitudinally, one of the end faces (111) being fitted with a male linking means (5) and the other end face (131) being fitted with a female linking means (4), the male and female linking means (5, 4) being shaped to engage into one another when laying the elongated elements, characterised in that the male and female linking means (5, 4) are shaped, in a first relative position of two elongated elements (1, 1A), to enable insertion of the male linking element (5) of one of both these elongated elements into the female linking element (4) of the other of both these elongated elements and, in a second relative position of two elongated elements (1, 1A), to prevent these elongated elements from being separated.
2. A device according to claim 1, characterised in that the female linking means (4) consists of at least one opening and the male linking means (5) consists of at least one hooking means.
3. A device according to claim 2, characterised in that the hooking means (5) comprises a body (51, 52) having a first section (D2) and a head (53) having a second section (D3), which is greater than the first section, and in that the opening (4) comprises a first section, of sufficient dimension, in the first relative position of the elongated elements (1, 1A), to let through the head of the hooking means, and a second section, extending the first section and of sufficient dimension, in the second relative position of the elongated elements (1, 1A), to receive the body of the hooking means, but of insufficient dimension, in this second relative position, to let through the head of the hooking means.
4. A device according to any of the previous claims, characterised in that the female linking means (4) consists of several openings and in that the male linking means (5) consists of

several hooking elements, the number of hooking elements (5) being equal to the number of openings (4).

5 5. A device according to any of the previous claims, characterised in that, when the elongated elements (1) are in their second relative position, the female (4) and male (5) linking elements form a link showing a clearance along the longitudinal axis.

10 6. A device according to any of the previous claims, characterised in that the female linking means (4) comprises three openings and in that the male linking means (5) comprises three hooking elements.

15 7. A device according to any of the previous claims, characterised in that each of the elongated elements (1, 1A) is provided, on one face (8) whereby it rests on the road, with means (9) increasing the adherence to the elongated element (1, 1A) on the road.

8. A device according to claim 7, characterised in that the means (9) increasing the adherence consist of non-slipping skids.

20 9. A device according to claim 8, characterised in that the skids (9) are made of elastomer material.

10. A device according to any of the previous claims, characterised in that it reaches at least the securing level BT4 according to the French standard XP P98453 or any corresponding level of another standard.

25 11. Process of laying a modular securing device, for road tracks, comprising a set of elements (1, 1A) elongated along a longitudinal axis and intended to be laid on a road and connected together at their ends (2, 3), each of the elements (1, 1A) containing two end faces (111, 131) spaced apart longitudinally, one of the end faces (111) being fitted with a male linking means (5) and the other end face (131) being fitted with a female linking means (4), the male and female linking means (5, 4) being shaped to engage into one another when laying the elongated elements, the process comprising successive steps for laying an elongated element (1) and a following elongated element (1A) until a preset length of

30
35

modular securing device is obtained and being characterised in that, at each step, an elongated element (1A) is transported towards an elongated element (1) already placed, in a first relative position with respect to the elongated element (1) already placed to enable insertion of the male linking means (5) into the female linking means (4), and then placed in a second relative position with respect to the elongated element (1) already placed to prevent these elongated elements from being separated (1, 1A).